

Abarna_day18

```
#include<stdio.h>
int gcd(int a ,int b)
{
while(b!=0)
{
int temp =b;
b=a%b;
a=temp;
}
return a;
}

void main()
{
int x1,x2,y1,y2,x3,y3;
printf("Enter the numerator and denominator of the first fraction:");
scanf("%d %d",&x1,&y1);
printf("Enter the numerator and denominator of the second fraction:");
scanf("%d %d",&x2,&y2);

x3 = (x1 * y2) + (x2 * y1);
y3 = y1 * y2;

int divisor = gcd(x3,y3);
x3 = x3 / divisor;
y3 = y3 / divisor;

printf("The sum of the fraction is : %d/%d",x3,y3);

}
```